



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT  
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JAN 06 2004

TC 1700

INVENTOR(S) : Toshiaki Murata, et al..

TITLE : METHOD AND APPARATUS FOR  
PURIFYING OXYGEN  
CONTAINING GAS

APPLICATION NO. : 10/031,545

FILED : January 18, 2002

CONFIRMATION NO. : 6557

EXAMINER : Edna Wong

ART UNIT : 1753

LAST OFFICE ACTION : August 18, 2003

ATTORNEY DOCKET NO. : KAWZ 2 00103  
Cleveland, OH 44114  
December 18, 2003

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97, 1.98 and MPEP § 609, Applicants submit the following Supplemental Information Disclosure Statement concerning art of which the Applicants are aware. A copy of PTO-1449 is enclosed herewith.

This Supplemental Information Disclosure Statement is not intended to constitute an admission that any patent, publication or other information referred to herein or submitted herewith is "prior art" for this invention unless specifically designated as such.

In accordance with 37 C.F.R. § 197(g) and (h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(b) exists.

Under 37 C.F.R. §1.98(a)(3), no concise explanation of relevance is required for information that is in the English language. Accordingly, the enclosed requires no further explanation (or no translation is available).

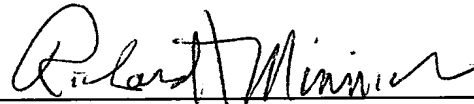
Under 37 C.F.R. §1.97(c), this Information Disclosure Statement is being filed after the mailing of a first Office Action on the merits, but before the mailing date of a final action, a notice of allowance or an action that otherwise closes prosecution in the application. In accordance with 37 C.F.R. §1.97(c)(2), a check in the amount of \$180.00 is enclosed herewith to cover the fee required by 37 C.F.R. §1.17(p) for filing this Information Disclosure Statement.

Any deficiency or overpayment in fees should be charged or credited to Deposit Account No. 06-0308.

It is respectfully requested that the attached documents be considered and officially cited in examination of this application.

Respectfully submitted,

**FAY, SHARPE, FAGAN,  
MINNICH & McKEE, LLP**



Richard J. Minnich, Reg. No. 24,175  
1100 Superior Avenue, 7<sup>th</sup> Floor  
Cleveland, OH 44114-2518  
216/861-5582

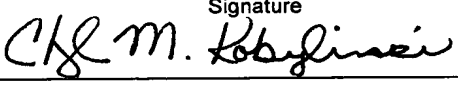
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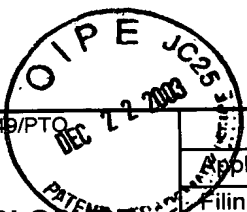
**Certificate of Mailing**

I certify that this Amendment Transmittal Letter and accompanying document(s) are being

- ☒ deposited with the United States Postal Service as First Class mail under 37 C.F.R. 1.8, addressed to: MAIL STOP AMENDMENT FEE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.
- ☐ transmitted to facsimile number \_\_\_\_\_ under 37 C.F.R. 1.8 on the date indicated below.
- ☐ deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated below and is addressed to: MAIL STOP AMENDMENT FEE, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date December 18, 2003
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Signature 
Printed Name Cheryl M. Kobylinski



Substitute for form 1449/PTO		<b>COMPLETE IF KNOWN</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT(S)</b> <i>(Use as many sheets as necessary)</i>		Application Number	10/031,545
		Filing Date	January 18, 2002
		First Named Inventor	Toshiaki Murata, et al.
		Art Unit	1753
		Examiner Name	Edna Wong
Sheet 1 of 1		Attorney Docket No.	KAWZ 2 00103

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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document No. Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-5,874,701	02/23/1999	Watanabe, et al.	
	AB	US-			
	AC	US-			
	AD	US-			
	AE	US-			
	AF	US-			
	AG	US-			
	AH	US-			
	AI	US-			
	AJ	US-			
	AK	US-			
	AL	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code-Number Kind Code (if known)				
	AM					
	AN					
	AO					
	AP					

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
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Examiner Signature		Date Considered	
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